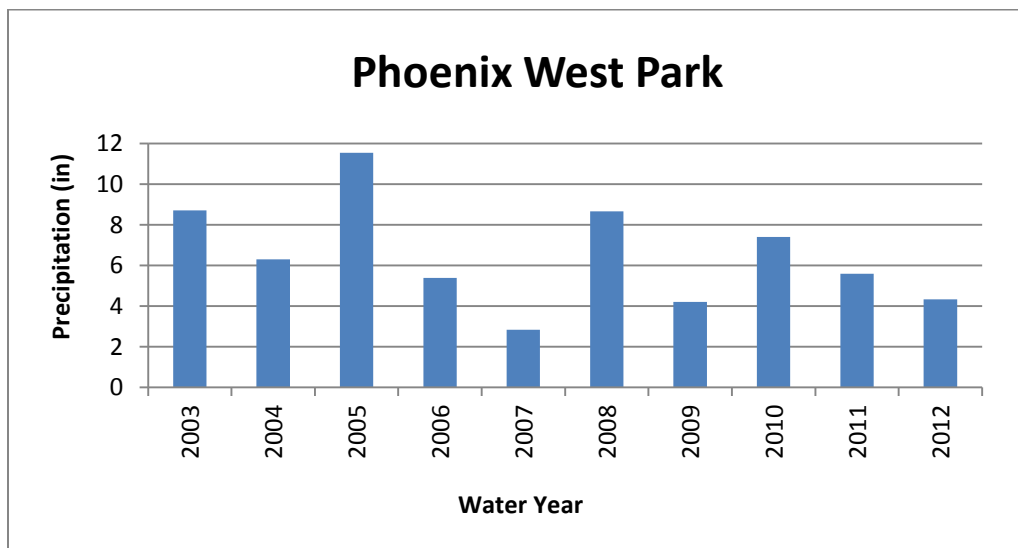


## Station Name: Phoenix West Park

<b>Station ID Number History:</b>	<b>4855</b> since 11/29/2001
<b>Data Begins:</b>	11/29/01
<b>Years of Record:</b>	10.84 (as of 10/01/12)
<b>Data Repeater:</b>	Direct
<b>TRS:</b>	T3N-R3E-Section 29
<b>Latitude:</b>	33° 35' 02.2" (33.5839)
<b>Longitude:</b>	112° 04' 55.1" (112.0820)
<b>Elevation:</b>	1,315 ft. msl
<b>Location:</b>	Peoria Ave. at 7 <sup>th</sup> Ave.
<b>Data Record:</b>	
Partial Months (>10 days missing):	None
Missing Months:	None
<b>Remarks:</b>	Records Good



**Data Statistics for Period of Record:**

Number of storms greater than 1 inch in 24 hours:	12	
Number of storms greater than 2 inches in 24 hours:	1	
Number of storms greater than 3 inches in 24 hours:	0	
		Approx. T <sub>r</sub>
Greatest 15 minute total:	0.91" on 07/14/02	17 years
Greatest 1 hour total:	1.34" on 07/14/02	10 years
Greatest 3 hour total:	1.46" on 07/10/08	8 years
Greatest 6 hour total:	1.54" on 07/10/08	6 years
Greatest 24 hour total:	2.68" on 02/13/03	21 years
Greatest 72 hour total:	2.84" on 02/13/03	13 years

**Water Year Totals: (Mean of Complete Water Years [10] = 6.50 inches)**

Water Year	Total	Water Year	Total
2020		2010	7.40
2019		2009	4.21
2018		2008	8.66
2017		2007	2.83
2016		2006	5.39
2015		2005	11.54
2014		2004	6.30
2013		2003	8.70
2012	4.33	2002	M
2011	5.59	2001	

M: One or more months contain partial or missing data

**Design Rainfall for this Geographic Location:**

**Click this [link](#) for Point Precipitation Frequency Estimates  
(Annual Maximum Series) in Tabular and Graphical Formats  
from NOAA Atlas 14, Volume I, Version 5**

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Phoenix West Park Dam (gage # 4855) for Water Year 2012**

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4	.16	.28	.04							.08		
5		.28										
6												
7		.16										.35
8												
9								.04				
10												.12
11												.08
12			.20									
13		.20	.28							.08		
14			.04									
15												
16												
17												
18			.04			.43						
19												
20			.04									
21											.55	
22										.16	.08	
23											.35	
24												
25	.16											
26							.08					
27												
28										.04		
29										.04		
30					----							
31		----			----		----		----			----
SUM	0.31	0.91	0.63	0.00	0.00	0.43	0.08	0.04	0.00	0.39	0.98	0.55
ACC	0.31	1.22	1.85	1.85	1.85	2.28	2.36	2.40	2.40	2.80	3.78	4.33
MAX	0.16	0.28	0.28	0.00	0.00	0.43	0.08	0.04	0.00	0.16	0.55	0.35
NO.	2	4	6	0	0	1	1	1	0	5	3	3
Maximum Daily Rainfall												0.55
Maximum Monthly Rainfall												0.98
Total Annual Rainfall												4.33
Number of Days with Rain												26

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Phoenix West Park (gage # 4855) for Water Year 2011**

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1													
2													
3													
4	.12												
5	1.14												
6													
7													
8													
9							.20						
10													
11										.04			
12													
13													
14													
15													
16			.20										
17													
18													
19					.39								
20	.28				.24								
21	.16	.08				.12							
22			.31										
23			.08										
24										.04			
25										.04			
26					.12								
27					.35								
28													
29			.59		----								
30			.31		----								
31		----			----		----		----	.79		----	
SUM	1.69	0.08	1.50	0.00	1.10	0.12	0.20	0.00	0.00	0.91	0.00	0.00	
ACC	1.69	1.77	3.27	3.27	4.37	4.49	4.69	4.69	4.69	5.59	5.59	5.59	
MAX	1.14	0.08	0.59	0.00	0.39	0.12	0.20	0.00	0.00	0.79	0.00	0.00	
NO.	4	1	5	0	4	1	1	0	0	4	0	0	
Maximum Daily Rainfall													1.14
Maximum Monthly Rainfall													1.69
Total Annual Rainfall													5.59
Number of Days with Rain													20

Annual Total (mm): 142

Days Down: 0



## Daily Rainfall at Phoenix West Park (gage # 4855) for Water Year 2009

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												.04
4				.04								
5				.04								.16
6				----								
7					.04							
8					.12							
9		.08			.59							
10												
11							.43					
12												
13											.35	
14												
15												
16			.67									
17			.04									
18			.16									
19												
20												
21								.04			.08	
22			.08	.08				.16				
23			.04									
24												
25			.16									
26		.08	.28									
27		.31										
28												
29					----							
30					----							
31		----			----		----		----		.12	----
SUM	0.00	0.47	1.42	0.16	0.75	0.00	0.43	0.20	0.00	0.00	0.55	0.20
ACC	0.00	0.47	1.89	2.09	2.83	2.83	3.27	3.46	3.46	3.46	4.02	4.21
MAX	0.00	0.31	0.67	0.08	0.59	0.00	0.43	0.16	0.00	0.00	0.35	0.16
NO.	0	3	7	3	3	0	1	2	0	0	3	2
							Maximum Daily Rainfall					0.67
							Maximum Monthly Rainfall					1.42
							Total Annual Rainfall					4.21
							Number of Days with Rain					24

**Notes:**

Annual rainfall in millimeters: 107

Total down-time: 2.09 days

Gage 4855 down from 1/05 08:09 (51) through 1/07 10:17 (51) due to data collision; no rain fell.

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Phoenix West Park (gage # 4855) for Water Year 2008**

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			.39									
2												
3											.04	
4					.20							
5				.04							.08	
6												
7			.28	.39							.67	
8			.51								.04	
9												.04
10			.04							1.57		
11			.24							.04		
12												
13										.04		
14											.24	
15					.04							
16												
17												
18												
19												
20					.12					.08		
21												
22					.04							
23								.08				
24				.08								
25											.31	
26											.16	
27				1.02								
28				.24							.04	
29											.12	
30		1.50			----							
31		----			----		----		----			----
SUM	0.00	1.50	1.46	1.77	0.39	0.00	0.00	0.08	0.00	1.73	1.69	0.04
ACC	0.00	1.50	2.95	4.72	5.12	5.12	5.12	5.20	5.20	6.93	8.62	8.66
MAX	0.00	1.50	0.51	1.02	0.20	0.00	0.00	0.08	0.00	1.57	0.67	0.04
NO.	0	1	5	5	4	0	0	1	0	4	9	1

Maximum Daily Rainfall 1.57

Maximum Monthly Rainfall 1.77

Total Annual Rainfall 8.66

Number of Days with Rain 30

Gage 4860 down from 6/30 19:36 (195) through 7/03 01:36 (195) for unknown reason; no rain fell.

Gage 4860 down from 9/01 01:50 (282) through 9/03 07:34 (282) due to antenna failure; no rain fell.

**Notes:**

Annual rainfall in millimeters: 309

Total down-time: 0.00 days

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Phoenix West Park (gage # 4855) for Water Year 2007**

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6	.04											
7												
8	.20											
9												
10												
11					.04							
12												
13	.08				.04		.16					
14	.16				.04							
15												
16										.16		
17										.04		
18												
19				.28	.31							
20												
21				.12			.12					
22			.12			.55						
23										.16		
24										.04		
25											.04	
26												
27												
28			.04									
29			.04		----							
30					----							
31		----		.04	----		----		----	.04		----
SUM	0.47	0.00	0.20	0.43	0.43	0.55	0.28	0.00	0.00	0.43	0.04	0.00
ACC	0.47	0.47	0.67	1.10	1.54	2.09	2.36	2.36	2.36	2.80	2.83	2.83
MAX	0.20	0.00	0.12	0.28	0.31	0.55	0.16	0.00	0.00	0.16	0.04	0.00
NO.	4	0	3	3	4	1	2	0	0	5	1	0
Maximum Daily Rainfall												0.55
Maximum Monthly Rainfall												0.55
Total Annual Rainfall												2.83
Number of Days with Rain												23

**Notes:**

Annual rainfall in millimeters: 72

Total down-time: 0.00 days



**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Phoenix West Park (gage # 4855) for Water Year 2006**

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												.91
3												.51
4												
5							.04					
6												
7												
8												
9												
10												
11						1.30					.28	
12						----					.16	
13						----						
14						----						
15												
16												
17	.04											
18	.67											
19						.20						
20												
21											.59	
22											.12	
23												
24										.12	.04	
25										.28		
26										.12		
27												
28												
29					----							
30					----					.04		
31		----			----		----		----			----
SUM	0.71	0.00	0.00	0.00	0.00	1.50	0.04	0.00	0.00	0.55	1.18	1.42
ACC	0.71	0.71	0.71	0.71	0.71	2.20	2.24	2.24	2.24	2.80	3.98	5.39
MAX	0.67	0.00	0.00	0.00	0.00	1.30	0.04	0.00	0.00	0.28	0.59	0.91
NO.	2	0	0	0	0	2	1	0	0	4	5	2
Maximum Daily Rainfall												1.30
Maximum Monthly Rainfall												1.50
Estimated Annual Rainfall												5.39
Number of Days with Rain												16

**Notes:**

Estimated annual rainfall in millimeters: 137  
 Gage 4855 down from 3/11 00:42 (18) through 3/15 10:47 (51) due to a plugged funnel; rainfall for 3/11 storm **estimated** from nearby stations.

Total down-time: 4.42 days

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Phoenix West Park (gage # 4855) for Water Year 2005**

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2											.91	
3				.55							.12	1.18
4			.24	.35		.08						
5			.20			.08						
6			.24									
7		.35									.24	
8		.12									.04	
9												
10					.08							
11				.24	.59							
12		.04			.31							
13					.04							
14												
15												
16												
17				-----	.16							
18				-----	.20							
19					.63							
20					.28							
21	.43				.20							
22		.47							.08			
23					.16		.35		.04		.12	
24				.12	.16	.04						
25						.08						
26				.51								
27												
28	.35		.08									
29			.71	.28	-----							
30			.04		-----					.04		
31		-----			-----		-----		-----	.04		-----
SUM	0.79	0.98	1.50	2.05	2.80	0.28	0.35	0.00	0.12	0.08	1.42	1.18
ACC	0.79	1.77	3.27	5.31	8.11	8.39	8.74	8.74	8.86	8.94	10.35	11.54
MAX	0.43	0.47	0.71	0.55	0.63	0.08	0.35	0.00	0.08	0.04	0.91	1.18
NO.	2	4	6	6	11	4	1	0	2	2	5	1
Maximum Daily Rainfall												1.18
Maximum Monthly Rainfall												2.80
Total Annual Rainfall												11.54
Number of Days with Rain												44

**Notes:**

Annual rainfall in millimeters: 293 Total down-time: 2.50 days  
 Gage 4855 down from 1/16 22:54 (112) through 1/19 10:54 (112) due to antenna failure; no rain fell.





